

Comparisons of Job Characteristics

Focus Occupation: Supervisors of Construction and Extraction Workers (47-1011)

Associated Occupation: Carpenters (47-2031)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 95

Focus Occupation: Supervisors of Construction and Extraction Workers (47-1011)

Associated Occupation: Carpenters (47-2031)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Building and Construction	4.0	17.5	16.9	0	Current knowledge level may be sufficient
Mathematics	9.2	12.8	12.8	0	Current knowledge level may be sufficient
Mechanical	6.8	12.6	13.9	>	Current knowledge level is likely sufficient
Design	5.2	12.2	10.9	<	Expanded education and/or training may be required
Production and Processing	6.0	10.9	9.5	<	Expanded education and/or training may be required
Public Safety and Security	6.9	8.6	10.2	>	Current knowledge level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 71

Focus Occupation: Supervisors of Construction and Extraction Workers (47-1011)

Associated Occupation: Carpenters (47-2031)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Repairing	3.4	6.1	4.4	<<	Extensive development of skills in this area may be required
Equipment Selection	3.3	5.9	6.9	>	Skill level is likely sufficient
Equipment Maintenance	3.5	5.1	5.1	0	Current skill level may be sufficient
Installation	1.7	3.8	2.0	<<	Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 57			
Focus Occupation: Supervisors of Construction and Extraction Workers (47-1011) Associated Occupation: Carpenters (47-2031)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Trunk Strength	5.7	11.4	4.4	<<	Extensive improvement in abilities may be required
Static Strength	5.0	11.3	5.2	<<	Extensive improvement in abilities may be required
Visualization	7.5	11.3	9.8	<	Some improvement in abilities may be required
Manual Dexterity	6.5	11.2	7.3	<<	Extensive improvement in abilities may be required
Extent Flexibility	4.8	10.8	4.6	<<	Extensive improvement in abilities may be required
Multilimb Coordination	6.0	10.8	6.8	<<	Extensive improvement in abilities may be required
Stamina	4.0	8.7	4.3	<<	Extensive improvement in abilities may be required
Gross Body Equilibrium	3.2	8.6	4.0	<<	Extensive improvement in abilities may be required
Speed of Limb Movement	3.2	8.3	3.6	<<	Extensive improvement in abilities may be required
Spatial Orientation	2.7	6.2	3.7	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 56
Focus Occupation: Supervisors of Construction and Extraction Workers (47-1011) Associated Occupation: Carpenters (47-2031)		
Work Activities	Exclusivity of Activity	
Direct and coordinate activities of workers or staff	3	
Order or purchase supplies, materials, or equipment	35	
Perform safety inspections in construction or resource extraction setting	46	
Prepare reports	8	
Read blueprints	10	
Read specifications	23	
Read tape measure	41	
Read technical drawings	7	

Understand construction specifications	53
Use hand or power tools	2

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 81

Focus Occupation: Supervisors of Construction and Extraction Workers (47-1011)

Associated Occupation: Carpenters (47-2031)

Tools and Technologies	Exclusivity
Business function specific software	1
Calculating machines and accessories	3
Compressors	9
Computers	1
Content authoring and editing software	1
Cutting and crimping and punching tools	3
Data management and query software	1
Dispensing tools	6
Face and head protection	7
Fall protection	16
Forming tools	2
Holding and clamping tools	3
Humidity and moisture measuring instruments	15
Indicating and recording instruments	2
Industry specific software	1
Ladders and scaffolding	6
Land surveying instruments	19
Length and thickness and distance measuring instruments	2
Lifting equipment and accessories	3
Machinery for working wood and stone and ceramic and the like	12
Marking tools	11
Measuring and layout tools	3
Power generators	16
Power tools	2
Prying and bending tools	10
Respiratory protection	6
Rough and finishing tools	5
Tool attachments and accessories	12
Wrenches and drivers	2

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.